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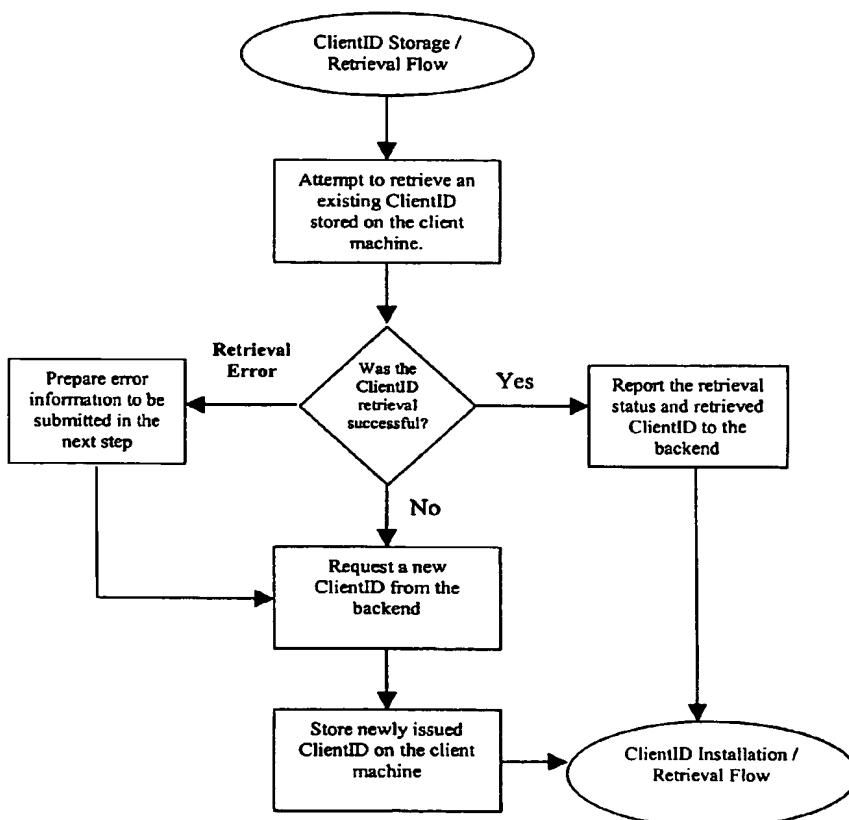
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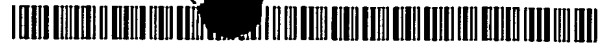
[Continued on next page]

(54) Title: **FIXED CLIENT IDENTIFICATION SYSTEM FOR POSITIVE IDENTIFICATION OF CLIENT TO SERVER**



(57) Abstract: A tamperproof ClientID system to uniquely identify a client machine is invoked upon connection of a client application to a backend. Upon initial connection, the backend issues a unique ClientID containing a checksum. The client application prepares at least two different scrambled versions of the ClientID and stores them in respective predetermined locations on the client machine. Upon subsequent connection to the backend, the client application retrieves and unscrambles the values at the two locations, verifies the checksums and compares the values. If the checksums are both correct and the values match, the ClientID value is sent to the backend, otherwise the client application sends an error code.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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# INTERNATIONAL SEARCH REPORT

International application No.

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 11/30, 12/14; H04L 9/00, 9/32

US CL : 713/200,201

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 713/200,201, 150, 161

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EAST

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, E — A, B	US 6,711,682 B1 (CAPPS) 23 March 2004 (23.04.2004), column 2 lines 2-36, column 3 lines 44-65, column 9 line 41 - column 10 line 39.	1, 6, 7, 8 ----- 2-5
Y	US PUB 2002/0120861 A1 (KAGIWADA et al) 29 August 2002 (29.08.2002), [0008]-[0011], [0033]-[0034], [0126].	1, 6, 7, 8
Y, P	US PUB 2003/0084291 A1 (YAMAMOTO et al) 1 May 2003 (01.05.2003), [0071], [0075], [0078], [0080], [0156], [0161].	1, 6, 7, 8
A, P	US PUB 2002/0197985 A1 (TOURRILHES et al) 26 December 2002 (26.12.2002), [0006] and [0010]-[0015].	1-8
A	US PUB 2002/0116515 A1 (HASHIMOTO) 22 August 2002 (22.08.2002), [0010]-[0025].	1-8

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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